



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/681,487	10/07/2003	Geoffrey Frank Deane	INOGN.006A	5894
20995	7590	01/11/2008	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP			PATEL, NIHIL B	
2040 MAIN STREET			ART UNIT	PAPER NUMBER
FOURTEENTH FLOOR			3772	
IRVINE, CA 92614				
		NOTIFICATION DATE	DELIVERY MODE	
		01/11/2008	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

jcartee@kmob.com
eOAPilot@kmob.com

Office Action Summary	Application No.	Applicant(s)
	10/681,487	DEANE ET AL.
Examiner	Art Unit	
Nihir Patel	3772	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 10.22.2007.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 8-16 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) 8-16 is/are allowed.

6) Claim(s) _____ is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) Notice of Informal Patent Application
6) Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 11 and 12 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

4. Claims 10-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Czabala (US 6,346,139) in view of Hill et al. (US 6,651,658).

5. **As to claim 11**, Czabala substantially discloses a total delivery oxygen concentration system that comprises a frame having a support portion and a handle portion 11 (see figures 1 and 2), the support portion adapted to receive a portable gas fractionalization unit 10 (see figure 2; column 4 lines 50-55) for transporting the unit in response to force on the handle portion (see column 55-65); and a power supply mounted on the frame, the power supply having an A.C.

power input, a first power outlet adapted to charge a battery, and a second power outlet, adapted to power the unit (see column 6 lines 4-20), but does not disclose a frame that has a second support portion adapted to receive a battery wherein the second support portion comprises a battery bail configured to mate with a plurality of guide rails formed on the battery in a manner so as to secure the battery to the battery bail. Hill substantially discloses an apparatus that does provide a frame that has a second support portion adapted to receive a battery wherein the second support portion comprises a battery bail configured to mate with a plurality of guide rails formed on the battery in a manner so as to secure the battery to the battery bail (see figure 3; column 8 lines 52-67). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Czabala's invention by providing a frame that has a second support portion adapted to receive a battery wherein the second support portion comprises a battery bail configured to mate with a plurality of guide rails formed on the battery in a manner so as to secure the battery to the battery bail as taught by Hill in order to make it easier to replace the batteries when worn down.

6. **As to claim 12,** Czabala substantially the claimed invention; see rejection of claim 11 above, but does not disclose an apparatus wherein the first power outlet is adapted to electrically interconnect to the battery when the battery is secured to the battery bail. Hill substantially discloses an apparatus that does provide first power outlet is adapted to electrically interconnect to the battery when the battery is secured to the battery bail (see column 8). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Czabala's invention by providing a first power outlet is adapted to electrically

interconnect to the battery when the battery is secured to the battery bail as taught by Hill in order to make it easier to remove the battery when the battery is worn down.

7. **As to claim 10**, Czabala substantially discloses an apparatus wherein the frame has a second support portion adapted to receive a battery (**Since the batteries are located within the oxygen concentration unit, the oxygen concentration unit is defined as a second support portion adapted to receive a battery**).

8. **As to claim 13**, Czabala substantially discloses an apparatus wherein the first power outlet is adapted to charge a spare battery (**see column 6 lines 4-20**).

9. **As to claim 14**, Czabala substantially discloses an apparatus wherein the first power outlet is adapted to charge a battery mounted inside the unit (**see column 6 lines 4-20**).

10. **As to claim 15**, Czabala substantially discloses an apparatus wherein the power supply has a third and a fourth power outlet, each adapted to charge a spare battery (**see column 6 lines 4-20**).

11. **As to claim 16**, Czabala substantially discloses an apparatus wherein the power supply is sufficient to simultaneously power the unit and power the outlets for charging the spare batteries and the battery inside the unit (**see column 6 lines 4-20**).

12. **Claims 8 and 9** are rejected under 35 U.S.C. 103(a) as being unpatentable over Czabala (US 6,346,139) in view of Hill et al. (US 6,651,658) and further in view of Miller et al. (US 4,545,790).

13. **As to claim 8**, Czabala/Hill substantially discloses the invention as claimed, see rejections to claims 7, 10 and 13-20 above, but does not disclose a handle portion that is configured with an extended position and retracted position. Miller discloses an apparatus that

does provide a handle portion that is configured with an extended position and retracted position (see figure 1; **Figure 1 shows a rectangle cutout space around the handle 7; figure 1 shows that the handle 7 in an extended position; in the retracted position the handle 7 would be folded within the cutout space**). Therefore it would have been obvious to modify Czabala/Hill references by providing a handle portion that is configured with an extended position and retracted position as taught by Miller in order to assist the user in moving the portable oxygen concentrator.

14. **As to claim 9**, Czabala/Hill substantially discloses the invention as claimed, but does not disclose a mobility cart having a height no greater than 18 inches when the handle portion is in the retracted position. It would have been an obvious matter of design choice, since applicant has not disclosed that a mobility cart having a height no greater than 18 inches when the handle portion is in the retracted position solves any stated problem or is for any particular purpose and it appears that the invention would perform equally well with a mobility cart having a height no greater than 18 inches or any other numeric value.

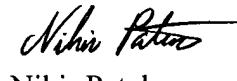
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nihir Patel whose telephone number is (571) 272-4803. The examiner can normally be reached on 7:30 to 4:30 every other Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patricia Bianco can be reached on (571) 272-4940. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Art Unit 3772



Nihir Patel


PATRICIA BIANCO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700
